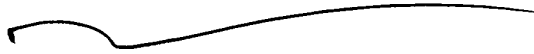


REMARKS

Claims 1-10 are pending in this application. By this Amendment, the title, specification and claims 1-10 are amended.

Should the Examiner believe that anything further would be desirable in order to place this application in even better condition for allowance, the Examiner is invited to contact the undersigned at the telephone number set forth below.

Respectfully submitted,



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WPB:EDM/cqc

Attached: Abstract

Date: October 3, 2005

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<p>DEPOSIT ACCOUNT USE AUTHORIZATION Please grant any extension necessary for entry; Charge any fee due to our Deposit Account No. 15-0461</p>

ABSTRACT

An absorbent membrane (1) is fixed in suspension onto a front face of a substrate (2), in a direction substantially parallel to the substrate (2), by at least one alveolate structure thermally insulating the membrane from the substrate (2) and arranged in a plane substantially perpendicular to the substrate (2). The detector can comprise arms (3) fixedly secured to the absorbent membrane (1). The alveolate structures can be respectively arranged between one of the arms (3) and the substrate (2). The alveolate structure can be formed by a plurality of superposed thin layers (6) separated by spacers (7) or by superposed rows of arcades formed by thin layers. The alveolate structure can comprise a porous pad.